

Notice of Allowability

Application No.

10/722,956

Examiner

Emmanuel Sayoc

Applicant(s)

WEBER ET AL.

Art Unit

3746

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendments filed 6/13/2005 and examiner's amendment 9/28/05.
2. ☒ The allowed claim(s) is/are 1-31.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 11/14/2003
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20050928
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William Gheris on 9/28/2005.

The application has been amended as follows:

In claim 1, line 17, the phrase "sealing cover." Is replaced with - - sealing cover, where the cylinder head is radially enclosed by the pot-shaped housing or the housing sealing cover, the pot-shaped housing contacts the housing sealing cover, and the housing sealing cover or the housing being substantially elastic to permit thermal axial expansion of the cylinder head. - - .

Replace claim 19 with:

Claim 19 A compressor with intake and discharge chambers for a suction pressure zone and a discharge pressure zone, the compressor comprising:

a pot-shaped housing and a housing sealing cover so that a housing area is defined by two pieces, the pot-shaped housing having a closed side with a housing bottom, and an open side opposite the closed side, the housing sealing cover sealing the open side;

a drive shaft including bearings;

a drive mechanism for reciprocating pistons and converting the rotational movement of the drive shaft into a reciprocating movement of the pistons;

a cylinder block for aspirating and compressing a coolant through the reciprocating movement of the pistons; and

a valve device; and

a spacer separating the intake pressure zone and the discharge pressure zone within the housing bottom, the cylinder block and the valve device being supported against the housing bottom by the spacer,

wherein the intake and discharge chambers, the valve device, and the cylinder block being situated facing [[in]] the closed side of the pot-shaped housing.

Claim 26 is cancelled.

In claims 27 and 28, line 1, "26" is replaced with - - 19 - -.

Replace claim 31 with:

Claim 31 A compressor with intake and discharge chambers for a suction pressure zone and a discharge pressure zone, the compressor comprising:

a pot-shaped housing;

a housing sealing cover, the housing sealing cover being a housing cover or a sealing plate;

a drive shaft including bearings;

a drive mechanism for reciprocating pistons and converting the rotational movement of the drive shaft into a reciprocating movement of the pistons;

a cylinder block for aspirating and compressing a coolant through the reciprocating movement of the pistons;

a valve device;

a cylinder head, the cylinder head at least partially forming intake and discharge

chambers, the cylinder head being a separate element from the housing of the housing sealing cover, and the cylinder head is enclosed within the pot-shaped housing and housing sealing cover; and

a seal sealing the pot-shaped housing and the housing sealing cover at a sealing location,

the sealing location [[being exposed to the]] configured to seal the intake chamber but not the discharge chamber.

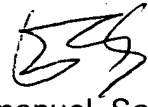
Contact Information

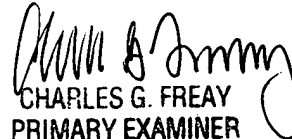
2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Emmanuel Sayoc whose telephone number is (571) 272 4832. The examiner can normally be reached on M-F 8-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Timothy S. Thorpe can be reached on (571) 272-4444. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ECS


Emmanuel Sayoc
Examiner
Art Unit 3746


CHARLES G. FREAY
PRIMARY EXAMINER